

LAW OFFICES
STEVENS, DAVIS, MILLER & MOSHER, L.L.P.

JAMES E. LEDBETTER (VA BAR)
THOMAS P. PAVELKO
ANTHONY P. VENTURINO
BARTH X. deROSA

THOMAS D. FOSTER
JOHN C. LUCE (PA BAR)
STEPHEN GIGANTE (NY, NJ, CT BAR)

OF COUNSEL
PETER PECKARSKY
CHRISTOPHER M. COLLINS (VA BAR)
FRANK SEVER, JR.
RUTH MAE FINCH (MD BAR)

SUITE 850
1615 L STREET, N.W.

WASHINGTON, D.C. 20036

MAILING ADDRESS

P.O. BOX 34387

WASHINGTON, D.C. 20043-4387

TELEPHONE (202) 408-5100

PATENT, TRADEMARK, COPYRIGHT
AND RELATED INTELLECTUAL PROPERTY CAUSES

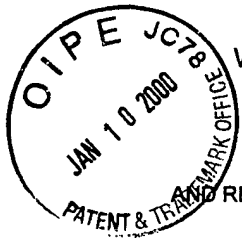
October 19, 1999

ESTABLISHED 1930

RICHARD K. STEVENS (1896 - 1974)
ROBERT F. DAVIS (1905 - 1974)
DAVIDSON C. MILLER (RET. 1979)
ELLSWORTH H. MOSHER (RET. 1997)

FACSIMILE (202) 408-5200
(202) 408-5088

E-MAIL sdmm@stevensdavis.com
W-SITE: www.stevensdavis.com



Assistant Commissioner of
Patents and Trademarks
Washington, DC 20231

Sir:

Attached is a Reissue Continuation Application of Serial No. 08/396,981 filed March 1, 1995 which is being filed without a signed Declaration under the provisions of 37 CFR §1.53. The names, addresses and citizenship of the inventors are as follows:

Name:	Naoyasu MIYAGAWA
Address:	17-21-202, Fujigaokacho, Suita-shi, Japan
Citizenship:	Japanese
Name:	Yasuhiro GOTOH
Address:	5-1-710, Yanagimachi, Kadoma-shi, Japan
Citizenship:	Japanese

The Declaration will be filed within the time specified for such filing.

Respectfully submitted,

STEVENS, DAVIS, MILLER & MOSHER, L.L.P.

James E. Ledbetter
Registration No. 28,732

JEL/kk1

ATTORNEY DOCKET NO. JEL 28567RE-A

BEST AVAILABLE COPY



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

Date Rec.
January 10, 2

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO./TITLE
09/420,603	10/19/99	MIYAGAWA	N JEL-28567RE-A

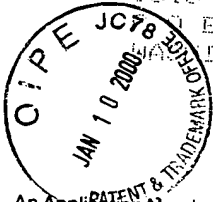
0242/1110
JAMES E LEDBETTER ESQ
STEVENS DAVIS MILLER & MOSHER L L P
1615 L STREET NW SUITE 850
BOX 34387
WASHINGTON DC 20043-4387

NOT ASSIGNED

2753

DATE MAILED:

11 10/99



NOTICE TO FILE MISSING PARTS OF APPLICATION
Filing Date Granted

An Application Number and Filing Date have been assigned to this application. The items indicated below, however, are missing. Applicant is given TWO MONTHS FROM THE DATE OF THIS NOTICE within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). If any of items 1 or 3 through 5 are indicated as missing, the SURCHARGE set forth in 37 CFR 1.16(e) of ☐ \$65.00 for a small entity in compliance with 37 CFR 1.27, or ☒ \$130.00 for a non-small entity, must also be timely submitted in reply to this NOTICE to avoid abandonment.

If all required items on this form are filed within the period set above, the total amount owed by applicant as a ☐ small entity (statement filed) ☒ non-small entity is \$ 1226.00.

☒ 1. The statutory basic filing fee is:

- ☒ missing.
☐ insufficient.

Applicant must submit \$ 760. to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).

☒ 2. The following additional claims fees are due:

\$ 180. for 20 total claims over 20.

\$ 150. for 2 independent claims over 3.

\$ for multiple dependent claim surcharge.

Applicant must either submit the additional claim fees or cancel additional claims for which fees are due.

☒ 3. The oath or declaration:

- ☒ is missing or unsigned.
☐ does not cover the newly submitted items.

An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date is required.

☐ 4. The signature(s) to the oath or declaration is/are by a person other than inventor or person qualified under 37 CFR 1.42, 1.43 or 1.47.

A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.

☐ 5. The signature of the following joint inventor(s) is missing from the oath or declaration:

An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date, is required.

☐ 6. A \$50.00 processing fee is required since your check was returned without payment (37 CFR 1.21(m)).

☐ 7. Your filing receipt was mailed in error because your check was returned without payment.

☐ 8. The application was filed in a language other than English.

Applicant must file a verified English translation of the application, the \$130.00 set forth in 37 CFR 1.174(k), unless previously submitted, and a statement that the translation is accurate (37 CFR 1.52(d)).

☐ 9. OTHER:

Direct the reply and any questions about this notice to "Attention: Box Missing Parts."

A copy of this notice MUST be returned with the reply.

M. Day
Customer Service Center
Initial Patent Examination Division (703) 308-1202

FORM PTO-1533 (REV. 9/98)

PART 2 - COPY TO BE RETURNED WITH RESPONSE

00000073 09/26/03
760.00
150.00
180.00
540.00
01/10/00 YGIZAN
02/10/00 JAZ
03/10/00 1115
04/10/00 99
05/10/00
06/10/00
07/10/00
08/10/00
09/10/00
10/10/00
11/10/00
12/10/00
13/10/00
14/10/00
15/10/00
16/10/00
17/10/00
18/10/00
19/10/00
20/10/00
21/10/00
22/10/00
23/10/00
24/10/00
25/10/00
26/10/00
27/10/00
28/10/00
29/10/00
30/10/00
31/10/00
32/10/00
33/10/00
34/10/00
35/10/00
36/10/00
37/10/00
38/10/00
39/10/00
40/10/00
41/10/00
42/10/00
43/10/00
44/10/00
45/10/00
46/10/00
47/10/00
48/10/00
49/10/00
50/10/00
51/10/00
52/10/00
53/10/00
54/10/00
55/10/00
56/10/00
57/10/00
58/10/00
59/10/00
60/10/00
61/10/00
62/10/00
63/10/00
64/10/00
65/10/00
66/10/00
67/10/00
68/10/00
69/10/00
70/10/00
71/10/00
72/10/00
73/10/00
74/10/00
75/10/00
76/10/00
77/10/00
78/10/00
79/10/00
80/10/00
81/10/00
82/10/00
83/10/00
84/10/00
85/10/00
86/10/00
87/10/00
88/10/00
89/10/00
90/10/00
91/10/00
92/10/00
93/10/00
94/10/00
95/10/00
96/10/00
97/10/00
98/10/00
99/10/00
100/10/00
101/10/00
102/10/00
103/10/00
104/10/00
105/10/00
106/10/00
107/10/00
108/10/00
109/10/00
110/10/00
111/10/00
112/10/00
113/10/00
114/10/00
115/10/00
116/10/00
117/10/00
118/10/00
119/10/00
120/10/00
121/10/00
122/10/00
123/10/00
124/10/00
125/10/00
126/10/00
127/10/00
128/10/00
129/10/00
130/10/00
131/10/00
132/10/00
133/10/00
134/10/00
135/10/00
136/10/00
137/10/00
138/10/00
139/10/00
140/10/00
141/10/00
142/10/00
143/10/00
144/10/00
145/10/00
146/10/00
147/10/00
148/10/00
149/10/00
150/10/00
151/10/00
152/10/00
153/10/00
154/10/00
155/10/00
156/10/00
157/10/00
158/10/00
159/10/00
160/10/00
161/10/00
162/10/00
163/10/00
164/10/00
165/10/00
166/10/00
167/10/00
168/10/00
169/10/00
170/10/00
171/10/00
172/10/00
173/10/00
174/10/00
175/10/00
176/10/00
177/10/00
178/10/00
179/10/00
180/10/00
181/10/00
182/10/00
183/10/00
184/10/00
185/10/00
186/10/00
187/10/00
188/10/00
189/10/00
190/10/00
191/10/00
192/10/00
193/10/00
194/10/00
195/10/00
196/10/00
197/10/00
198/10/00
199/10/00
200/10/00
201/10/00
202/10/00
203/10/00
204/10/00
205/10/00
206/10/00
207/10/00
208/10/00
209/10/00
210/10/00
211/10/00
212/10/00
213/10/00
214/10/00
215/10/00
216/10/00
217/10/00
218/10/00
219/10/00
220/10/00
221/10/00
222/10/00
223/10/00
224/10/00
225/10/00
226/10/00
227/10/00
228/10/00
229/10/00
230/10/00
231/10/00
232/10/00
233/10/00
234/10/00
235/10/00
236/10/00
237/10/00
238/10/00
239/10/00
240/10/00
241/10/00
242/10/00
243/10/00
244/10/00
245/10/00
246/10/00
247/10/00
248/10/00
249/10/00
250/10/00
251/10/00
252/10/00
253/10/00
254/10/00
255/10/00
256/10/00
257/10/00
258/10/00
259/10/00
260/10/00
261/10/00
262/10/00
263/10/00
264/10/00
265/10/00
266/10/00
267/10/00
268/10/00
269/10/00
270/10/00
271/10/00
272/10/00
273/10/00
274/10/00
275/10/00
276/10/00
277/10/00
278/10/00
279/10/00
280/10/00
281/10/00
282/10/00
283/10/00
284/10/00
285/10/00
286/10/00
287/10/00
288/10/00
289/10/00
290/10/00
291/10/00
292/10/00
293/10/00
294/10/00
295/10/00
296/10/00
297/10/00
298/10/00
299/10/00
300/10/00
301/10/00
302/10/00
303/10/00
304/10/00
305/10/00
306/10/00
307/10/00
308/10/00
309/10/00
310/10/00
311/10/00
312/10/00
313/10/00
314/10/00
315/10/00
316/10/00
317/10/00
318/10/00
319/10/00
320/10/00
321/10/00
322/10/00
323/10/00
324/10/00
325/10/00
326/10/00
327/10/00
328/10/00
329/10/00
330/10/00
331/10/00
332/10/00
333/10/00
334/10/00
335/10/00
336/10/00
337/10/00
338/10/00
339/10/00
340/10/00
341/10/00
342/10/00
343/10/00
344/10/00
345/10/00
346/10/00
347/10/00
348/10/00
349/10/00
350/10/00
351/10/00
352/10/00
353/10/00
354/10/00
355/10/00
356/10/00
357/10/00
358/10/00
359/10/00
360/10/00
361/10/00
362/10/00
363/10/00
364/10/00
365/10/00
366/10/00
367/10/00
368/10/00
369/10/00
370/10/00
371/10/00
372/10/00
373/10/00
374/10/00
375/10/00
376/10/00
377/10/00
378/10/00
379/10/00
380/10/00
381/10/00
382/10/00
383/10/00
384/10/00
385/10/00
386/10/00
387/10/00
388/10/00
389/10/00
390/10/00
391/10/00
392/10/00
393/10/00
394/10/00
395/10/00
396/10/00
397/10/00
398/10/00
399/10/00
400/10/00
401/10/00
402/10/00
403/10/00
404/10/00
405/10/00
406/10/00
407/10/00
408/10/00
409/10/00
410/10/00
411/10/00
412/10/00
413/10/00
414/10/00
415/10/00
416/10/00
417/10/00
418/10/00
419/10/00
420/10/00
421/10/00
422/10/00
423/10/00
424/10/00
425/10/00
426/10/00
427/10/00
428/10/00
429/10/00
430/10/00
431/10/00
432/10/00
433/10/00
434/10/00
435/10/00
436/10/00
437/10/00
438/10/00
439/10/00
440/10/00
441/10/00
442/10/00
443/10/00
444/10/00
445/10/00
446/10/00
447/10/00
448/10/00
449/10/00
450/10/00
451/10/00
452/10/00
453/10/00
454/10/00
455/10/00
456/10/00
457/10/00
458/10/00
459/10/00
460/10/00
461/10/00
462/10/00
463/10/00
464/10/00
465/10/00
466/10/00
467/10/00
468/10/00
469/10/00
470/10/00
471/10/00
472/10/00
473/10/00
474/10/00
475/10/00
476/10/00
477/10/00
478/10/00
479/10/00
480/10/00
481/10/00
482/10/00
483/10/00
484/10/00
485/10/00
486/10/00
487/10/00
488/10/00
489/10/00
490/10/00
491/10/00
492/10/00
493/10/00
494/10/00
495/10/00
496/10/00
497/10/00
498/10/00
499/10/00
500/10/00
501/10/00
502/10/00
503/10/00
504/10/00
505/10/00
506/10/00
507/10/00
508/10/00
509/10/00
510/10/00
511/10/00
512/10/00
513/10/00
514/10/00
515/10/00
516/10/00
517/10/00
518/10/00
519/10/00
520/10/00
521/10/00
522/10/00
523/10/00
524/10/00
525/10/00
526/10/00
527/10/00
528/10/00
529/10/00
530/10/00
531/10/00
532/10/00
533/10/00
534/10/00
535/10/00
536/10/00
537/10/00
538/10/00
539/10/00
540/10/00
541/10/00
542/10/00
543/10/00
544/10/00
545/10/00
546/10/00
547/10/00
548/10/00
549/10/00
550/10/00
551/10/00
552/10/00
553/10/00
554/10/00
555/10/00
556/10/00
557/10/00
558/10/00
559/10/00
560/10/00
561/10/00
562/10/00
563/10/00
564/10/00
565/10/00
566/10/00
567/10/00
568/10/00
569/10/00
570/10/00
571/10/00
572/10/00
573/10/00
574/10/00
575/10/00
576/10/00
577/10/00
578/10/00
579/10/00
580/10/00
581/10/00
582/10/00
583/10/00
584/10/00
585/10/00
586/10/00
587/10/00
588/10/00
589/10/00
590/10/00
591/10/00
592/10/00
593/10/00
594/10/00
595/10/00
596/10/00
597/10/00
598/10/00
599/10/00
600/10/00
601/10/00
602/10/00
603/10/00
604/10/00
605/10/00
606/10/00
607/10/00
608/10/00
609/10/00
610/10/00
611/10/00
612/10/00
613/10/00
614/10/00
615/10/00
616/10/00
617/10/00
618/10/00
619/10/00
620/10/00
621/10/00
622/10/00
623/10/00
624/10/00
625/10/00
626/10/00
627/10/00
628/10/00
629/10/00
630/10/00
631/10/00
632/10/00
633/10/00
634/10/00
635/10/00
636/10/00
637/10/00
638/10/00
639/10/00
640/10/00
641/10/00
642/10/00
643/10/00
644/10/00
645/10/00
646/10/00
647/10/00
648/10/00
649/10/00
650/10/00
651/10/00
652/10/00
653/10/00
654/10/00
655/10/00
656/10/00
657/10/00
658/10/00
659/10/00
660/10/00
661/10/00
662/10/00
663/10/00
664/10/00
665/10/00
666/10/00
667/10/00
668/10/00
669/10/00
670/10/00
671/10/00
672/10/00
673/10/00
674/10/00
675/10/00
676/10/00
677/10/00
678/10/00
679/10/00
680/10/00
681/10/00
682/10/00
683/10/00
684/10/00
685/10/00
686/10/00
687/10/00
688/10/00
689/10/00
690/10/00
691/10/00
692/10/00
693/10/00
694/10/00
695/10/00
696/10/00
697/10/00
698/10/00
699/10/00
700/10/00
701/10/00
702/10/00
703/10/00
704/10/00
705/10/00
706/10/00
707/10/00
708/10/00
709/10/00
710/10/00
711/10/00
712/10/00
713/10/00
714/10/00
715/10/00
716/10/00
717/10/00
718/10/00
719/10/00
720/10/00
721/10/00
722/10/00
723/10/00
724/10/00
725/10/00
726/10/00
727/10/00
728/10/00
729/10/00
730/10/00
731/10/00
732/10/00
733/10/00
734/10/00
735/10/00
736/10/00
737/10/00
738/10/00
739/10/00
740/10/00
741/10/00
742/10/00
743/10/00
744/10/00
745/10/00
746/10/00
747/10/00
748/10/00
749/10/00
750/10/00
751/10/00
752/10/00
753/10/00
754/10/00
755/10/00
756/10/00
757/10/00
758/10/00
759/10/00
760/10/00
761/10/00
762/10/00
763/10/00
764/10/00
765/10/00
766/10/00
767/10/00
768/10/00
769/10/00
770/10/00
771/10/00
772/10/00
773/10/00
774/10/00
775/10/00
776/10/00
777/10/00
778/10/00
779/10/00
780/10/00
781/10/00
782/10/00
783/10/00
784/10/00
785/10/00
786/10/00
787/10/00
788/10/00
789/10/00
790/10/00
791/10/00
792/10/00
793/10/00
794/10/00
795/10/00
796/10/00
797/10/00
798/10/00
799/10/00
800/10/00
801/10/00
802/10/00
803/10/00
804/10/00
805/10/00
806/10/00
807/10/00
808/10/00
809/10/00
810/10/00
811/10/00
812/10/00
813/10/00
814/10/00
815/10/00
816/10/00
817/10/00
818/10/00
819/10/00
820/10/00
821/10/00
822/10/00
823/10/00
824/10/00
825/10/00
826/10/00
827/10/00
828/10/00
829/10/00
830/10/00
831/10/00
832/10/00
833/10/00
834/10/00
835/10/00
836/10/00
837/10/00
838/10/00
839/10/00
840/10/00
841/10/00
842/10/00
843/10/00
844/10/00
845/10/00
846/10/00
847/10/00
848/10/00
849/10/00
850/10/00
851/10/00
852/10/00
853/10/00
854/10/00
855/10/00
856/10/00
857/10/00
858/10/00
859/10/00
860/10/00
861/10/00
862/10/00
863/10/00
864/10/00
865/10/00
866/10/00
867/10/00
868/10/00
869/10/00
870/10/00
871/10/00
872/10/00
873/10/00
874/10/00
875/10/00
876/10/00
877/10/00
878/10/00
879/10/00
880/10/00
881/10/00
882/10/00
883/10/00
884/10/00
885/10/00
886/10/00
887/10/00
888/10/00
889/10/00
890/10/00
891/10/00
892/10/00
893/10/00
894/10/00
895/10/00
896/10/00
897/10/00
898/10/00
899/10/00
900/10/00



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

09/420,603 10/19/99 MIYAGAWA

Application Number:

Application to Paper Number^N

JEL. 28567RE-

0242/1110

NOT ASSIGNED

JAMES E LEDBETTER ESQ
STEVENS DAVIS MILLER & MOSHER L L P
15 L STREET NW SUITE 850
O BOX 34387
WASHINGTON DC 20043-4387

**REISSUE SUPPLEMENT TO NOTICE TO FILE MISSING
PARTS OF APPLICATION**

2753

11/10/99

This Reissue Supplement is an attachment to:

- ☒ "Notice to File Missing Parts of Application" Filing Date Granted (PTO-1533)
☐ "Notice to File Missing Parts of Application" No Filing Date Granted (PTO-1532)

The item(s) indicated below as missing must be filed within the period for reply to the attached Notice to File Missing Parts of Application to avoid abandonment.

The following items are required to complete the reissue application:

- ☐ Consent of the assignee is missing. 37 CFR 1.172 requires that the reissue oath/declaration be accompanied by the written consent of all assignees.
☒ Assignee's statement under 37 CFR 3.73(b) establishing ownership of the patent is missing. 37 CFR 1.172 requires that all assignees consenting to the reissue establish their ownership interest in the patent by filing in the reissue application a statement in accordance with 37 CFR 3.73(b).

Customer Service Center
Initial Patent Examination Division (703) 308-1202

BEST AVAILABLE COPY

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Reissue Application of

Naoyasu MIYAGAWA et al

Original U.S. Patent No. 5,235,581
(serial no. 07/740,629,
issued August 10, 1993)

Reissue Application Serial No.: New Application

Reissue Application Filing Date:

Title: OPTICAL RECORDING/REPRODUCING APPARATUS FOR OPTICAL
DISKS WITH VARIOUS DISK SUBSTRATE THICKNESSES

ASSENT OF ASSIGNEE TO REISSUE

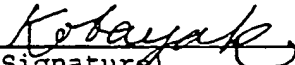
The Honorable Commissioner of
Patents and Trademarks
Washington, D.C. 20231

Sir:

The undersigned, a duly authorized representative of
Matsushita Electric Industrial Co., Ltd., the Assignee of the
entire right, title and interest in U.S. Patent No. 5,235,581
(see the attached copy of an Assignment recorded at Reel 5796,
Frame 668), hereby assents to the Reissue Application of the
above-captioned patent. The evidentiary documents of title have
been reviewed and the undersigned certifies that, to the best of
the Assignee's knowledge and belief, title is in the Assignee
seeking to take action. The undersigned hereby avers that he is
empowered to sign this Assent of Assignee to Reissue on behalf
of the Assignee.

For and on behalf of

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.


(Signature)

Kazutsugu Kobayashi

(Name)

Director, Intellectual Property Center
Authorized Signing Officer

(Title)

Aug. 23, 1996

(Date)